

Request For Deviation / Waiver

Dev # DAS-D15Date 27 November 2001Deviation ☒ Waiver ☐

Originator

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| Name: ITT Industries, Inc | Address: ITT Industries, Inc. 1761 Business Center Drive Reston, VA 20190 |
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Title Of Deviation / Waiver: TDRS & Customer Ephemeride Retention**Contract Number:** GS-35-01095, Task 11 **Cage Code:** 9M715**Classification:** Minor ☒ Major ☐ Critical ☐**Part Number:** 036-600083 **Title:** Demand Access System Controller (DASCON) software design**Effectivity:** Resource Allocation Software module **Recurring Deviation/ Waiver:** Yes ☐ No ☒**Effect on Cost:** None, if approved **Effect on Schedule:** None, if approved**Effect on Logistics Support, Interface or Software:** Logistics support and interfaces: none.
Software: none if approved.**Reference Documents: SRD Paragraphs:** 3.2.2.4.1.a, 3.2.2.4.2.b**Description of Deviation / Waiver:***"3.2.2.4.1.a. ... The DAS shall maintain no more than 96 hours of propagated TDRS ephemerides."**"3.2.2.4.2.b. ... The DAS shall maintain no more than 96 hours of propagated DAS Customer ephemerides."*

In order to schedule DAS services 4 days in advance, up to 144 hours of propagated TDRS and DAS Customer ephemerides can be required, according to the method used by DAS for propagating state vectors. At the beginning of each schedule day, at least 120 hours or 96 hours in advance + 24 hours of the scheduled day of propagated ephemerides are needed; but depending upon the time the SV is received, up to another 24 hours of propagation may be required. (DAS propagates a new SV at the time it is received, and not from the start of a new schedule day (0000z)).

Need for Deviation / Waiver:

Deviation is needed to allow DAS to maintain up to 144 hours of propagated TDRS and DAS Customer ephemerides for scheduling purposes.

Corrective action taken:

None.

Submitting Activity

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| Name: Walter E. Kearns | Title: ITT – AES, DAS PM | Signature: /s/ <i>Walter E. Kearns</i> | Date: 12/03/01 |
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Customer Approval / Disapproval

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| Approval <input checked="" type="checkbox"/> | Disapproval <input type="checkbox"/> | Date: 12/17/01 |
| Name: Thomas A. Gitlin | Title: DAS Product Manager | Signature: //Original signed// |